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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known	
Application Number	Based on PCT/JP2003/015836
Filing Date	Intl Filing 11 DECEMBER 2003
First Named Inventor	Shuji HINUMA
Art Unit	tba
Examiner Name	tba
Attorney Docket Number	3127 US0P

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/EGS/	A1	US- 6,380,177 B1	04/30/2002	James R. Erickson	
/EGS/	A2	US- 2003/0027800 A1	02/06/2003	D. D. Miller, et al.	
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/EGS/	A3	WO 01/03739 A1 - Abstract	01/18/2001	Ono Pharmaceutical Co.		
	A4	WO 02/077642 A1 - Abstract	10/03/2002	Nippon Shinyaku Co., Ltd.		
	A5	EP 1195165 A1	04/10/2002	Ono Pharmaceutical Co.		
	A6	WO 99/33972	07/08/1999	Allelix Biopharmaceuticals		
	A7	JP 2002-360118 - Abstract	12/17/2002	Nippon Shinyaku Co, Ltd.		
	A8	WO 03/051876 A1 - Abstract	06/26/2003	Japan Tobacco Inc.		

Examiner Signature	/Elly Gerald Stoica/	Date Considered	07/03/2007

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/EGS/	A9	WO 2004/002430 A2	01/08/2004	Combinatorx Incorporated		
	A10	WO 03/024402 A2	03/27/2003	The Univ. of Tenn. Research		
	A11	WO 03/073986 A2	09/12/2003	Merck & Co., Inc.		
	A12	WO 02/29001 A2	04/11/2002	U of Virginian Patent Fdn.		
	A13	WO 99/33972	08/08/1999	Allelix Biopharmaceuticals		
	A14	WO 03/062252 A1	07/31/2003	Merck & Co., Inc.		

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/EGS/	A15	WO 03/062248 A2	07/31/2003	Merck & Co., Inc.		
/EGS/	A16	WO 03/099765 A1-Abstract	12/04/2003	Ono Pharmaceutical Co.		

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Art Unit	tba
Examiner Name	tba
Attorney Docket Number	3127 USOP

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
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	A19	MENG-JER LEE, et al., "Vascular Endothelial Cell Adherens Junction Assembly and Morphogenesis Induced by Sphingosine-1-Phosphate", Cell, (1999), pp. 301-312, Vol. 99.	
	A20	FANG WANG, et al., "Sphingosine 1-Phosphate Stimulates Cell Migration through a Gi-coupled Cell Surface Receptor", The Journal of Biological Chemistry, (1999), pp. 35343-35350, Vol. 274, No. 50.	
	A21	CHIYOKO N. INOUE, et al., "Lysophosphatidic Acid and Mesangial Cells: Implications for Renal Diseases", Clinical Science, (1999), pp. 431-436, Vol. 96.	
	A22	NORIO HANFUSA, et al., "Sphingosine 1-Phospate Stimulates Rat Mesangial Cell Proliferation from Outside the Cells", Nephrology dialysis Transplantation, (2002), pp. 580-586, Vol. 17.	
	A23	S. KATSUMA, et al., "Genomic Analysis of a Mouse Model of Immunoglobulin A Nephropathy Reveals an Enhanced PDGF-EDG5 Cascade", The Pharmacogenomics Journal, (2001), pp. 211-217, Vol. 1.	
	A24	Y. KOIDE, et al., "Development of Novel EDG3 Antagonists Using a 3D Database Search and Their Structure–Activity Relationships, J. Med. Chem., (2002), pp. 4629-4638, Vol. 45.	
	A25	H. OHTA, et al., "KI16425, a Subtype-Selective Antagonist for EDG-Family Lysophosphatidic Acid Receptors", Molecular Pharmacology, (2003), pp. 994-1105, Vol. 64, No. 4.	
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